

Abstract

The present invention relates to a novel peroxisome proliferator activated receptor, hPPAR $\gamma$ . hPPAR $\gamma$  differs from mouse peroxisome proliferator  
5 activated receptor  $\gamma$  in nucleotide sequence and amino acid sequence. The invention provides isolated, purified, or enriched nucleic acid encoding hPPAR $\gamma$  polypeptides and vectors containing thereof, cells  
transformed with such vectors, and methods of screening  
10 for compounds capable of binding hPPAR $\gamma$  polypeptides. The invention also provides isolated, purified, enriched, or recombinant hPPAR $\gamma$  polypeptides, antibodies having specific binding affinity to hPPAR $\gamma$  polypeptides, and hybridomas producing such antibodies.